

[illegible]

(2) 50
(3) 60
(4) 90

HISTORY
DECLARATIONS
COBSAB_SPANC

; Detailed Current Edit History

```
0000 1      .TITLE COBSAB_SPANC      COBOL SPANC Translation Table
0000 2      .IDENT /1-0047           ; File: COBSPANC.MAR
0000 3
0000 4
0000 5
0000 6 *****
0000 7 *
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0000 25 *
0000 26 *
0000 27 *****
0000 28
0000 29 FACILITY: COBOL SUPPORT
0000 30 ++
0000 31 ABSTRACT:
0000 32 This module contains the translator table used in conjunction with
0000 33 the SPANC instruction by compiled code.
0000 34
0000 35
0000 36 --
0000 37
0000 38 VERSION: 1
0000 39
0000 40 HISTORY:
0000 41
0000 42 AUTHOR:
0000 43 Marty Jack, 11-Mar-1979
0000 44
0000 45 MODIFIED BY:
0000 46
0000 47
0000 48
```



```
0000 50 .SBTTL HISTORY ; Detailed Current Edit History
0000 51
0000 52
0000 53 ; Edit History for Version 1 of COBSPANC
0000 54
0000 55 : 1-001 - Original. MLJ 11-Mar-1979
0000 56 : 1-002 - Add bit 4 for use in overpunch BLANK WHEN ZERO code. MLJ 16-Apr-1979
0000 57 : 1-003 - Cosmetic changes. RKR 21-OCT-79
0000 58 : 1-004 - Add bits 5 and 6 for use in COMP-3 IS NUMERIC code. PDG 24-Oct-1979
```

```

0000 60      .SBTTL DECLARATIONS
0000 61
0000 62 :
0000 63 : INCLUDE FILES:
0000 64 :
0000 65 :
0000 66 :
0000 67 : EXTERNAL SYMBOLS:
0000 68 :     NONE
0000 69 :
0000 70 :
0000 71 :
0000 72 : MACROS:
0000 73 :     NONE
0000 74 :
0000 75 :
0000 76 :
0000 77 : PSECT DECLARATIONS:
0000 78 :     .PSECT _COB$CODE      PIC, SHR, LONG, EXE, NOWRT
0000 79 :
0000 80 :
0000 81 : EQUATED SYMBOLS:
0000 82 :     NONE
0000 83 :
0000 84 :
0000 85 :
0000 86 : OWN STORAGE:
0000 87 :     NONE
0000 88 :

```

```
0000 90 .SBTTL COBSAB_SPANC
0000 91
0000 92
0000 93 :++
0000 94 : FUNCTIONAL DESCRIPTION:
0000 95 : This is the translation table used by SPANC instructions in
0000 96 : compiled code.
0000 97
0000 98 Bit 0: Valid ALPHABETIC characters (A-Z, a-z, space)
0000 99 Bit 1: Valid digits
0000 100 Bit 2: Valid overpunch signs
0000 101 Bit 3: Valid separate signs
0000 102 Bit 4: Valid overpunch representations of 0
0000 103 Bit 5: Valid pair of digit nibbles
0000 104 Bit 6: Valid digit nibble, sign nibble
0000 105 :--
0000 106
0000 107 COBSAB_SPANC::
20 20 20 20 20 20 20 20 0000 108 .BYTE ^X20,^X20,^X20,^X20,^X20,^X20,^X20,^X20 : 00-07
40 40 40 40 40 40 40 20 0008 109 .BYTE ^X20,^X20,^X40,^X40,^X40,^X40,^X40,^X40 : 08-0F
20 20 20 20 20 20 20 20 0010 110 .BYTE ^X20,^X20,^X20,^X20,^X20,^X20,^X20,^X20 : 10-17
40 40 40 40 40 40 40 20 0018 111 .BYTE ^X20,^X20,^X40,^X40,^X40,^X40,^X40,^X40 : 18-1F
20 20 20 20 20 20 20 34 0020 112 .BYTE ^X21,^X34,^X20,^X20,^X20,^X20,^X20,^X20 : 20-27
40 40 48 40 48 40 20 20 0028 113 .BYTE ^X20,^X20,^X40,^X48,^X40,^X48,^X40,^X40 : 28-2F
26 26 26 26 26 26 26 36 0030 114 .BYTE ^X36,^X26,^X26,^X26,^X26,^X26,^X26,^X26 : 30-37
34 40 40 40 40 40 34 26 0038 115 .BYTE ^X26,^X26,^X54,^X40,^X40,^X40,^X40,^X54 : 38-3F
25 25 25 25 25 25 25 20 0040 116 .BYTE ^X20,^X25,^X25,^X25,^X25,^X25,^X25,^X25 : 40-47
45 45 45 45 45 45 25 25 0048 117 .BYTE ^X25,^X25,^X45,^X45,^X45,^X45,^X45,^X45 : 48-4F
21 21 21 21 21 21 25 25 0050 118 .BYTE ^X25,^X25,^X25,^X21,^X21,^X21,^X21,^X21 : 50-57
40 40 54 40 54 41 21 21 0058 119 .BYTE ^X21,^X21,^X41,^X54,^X40,^X54,^X40,^X40 : 58-5F
21 21 21 21 21 21 21 20 0060 120 .BYTE ^X20,^X21,^X21,^X21,^X21,^X21,^X21,^X21 : 60-67
41 41 41 41 41 41 21 21 0068 121 .BYTE ^X21,^X21,^X41,^X41,^X41,^X41,^X41,^X41 : 68-6F
21 21 21 21 21 21 21 21 0070 122 .BYTE ^X21,^X21,^X21,^X21,^X21,^X21,^X21,^X21 : 70-77
40 40 34 40 34 41 21 21 0078 123 .BYTE ^X21,^X21,^X41,^X54,^X40,^X54,^X40,^X40 : 78-7F
20 20 20 20 20 20 20 20 0080 124 .BYTE ^X20,^X20,^X20,^X20,^X20,^X20,^X20,^X20 : 80-87
40 40 40 40 40 40 20 20 0088 125 .BYTE ^X20,^X20,^X40,^X40,^X40,^X40,^X40,^X40 : 88-8F
20 20 20 20 20 20 20 20 0090 126 .BYTE ^X20,^X20,^X20,^X20,^X20,^X20,^X20,^X20 : 90-97
40 40 40 40 40 40 20 20 0098 127 .BYTE ^X20,^X20,^X40,^X40,^X40,^X40,^X40,^X40 : 98-9F
00 00 00 00 00 00 00 00 00A0 128 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : A0-A7
00 00 00 00 00 00 00 00 00A8 129 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : A8-AF
00 00 00 00 00 00 00 00 00B0 130 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : B0-B7
00 00 00 00 00 00 00 00 00B8 131 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : B8-BF
00 00 00 00 00 00 00 00 00C0 132 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : C0-C7
00 00 00 00 00 00 00 00 00C8 133 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : C8-CF
00 00 00 00 00 00 00 00 00D0 134 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : D0-D7
00 00 00 00 00 00 00 00 00D8 135 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : D8-DF
00 00 00 00 00 00 00 00 00E0 136 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : E0-E7
00 00 00 00 00 00 00 00 00E8 137 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : E8-EF
00 00 00 00 00 00 00 00 00F0 138 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : F0-F7
00 00 00 00 00 00 00 00 00F8 139 .BYTE ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00 : F8-FF
0100 140 ;
0100 141 .END
```


COB\$AB_SPANC
Symbol table

COBOL SPANC Translation Table

H 4

15-SEP-1984 23:46:41
6-SEP-1984 10:49:19

VAX/VMS Macro V04-00
[COBRTL.SRC]COBSPANC.MAR;1

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COB\$AB_SPANC 00000000 RG 01

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes														
ABS	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE				
COB\$CODE	00000100 (256.)	01 (1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG				

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	30	00:00:00.05	00:00:00.99
Command processing	109	00:00:00.30	00:00:02.84
Pass 1	64	00:00:00.44	00:00:02.37
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	42	00:00:00.20	00:00:01.39
Symbol table output	2	00:00:00.01	00:00:00.01
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	251	00:00:01.01	00:00:07.61

The working set limit was 900 pages.
2693 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
141 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:COBSPANC/OBJ=OBJ\$:COBSPANC MSRC\$:COBSPANC/UPDATE=(ENH\$:COBSPANC)

0064 AH-BT13A-SE
VAX/VMS V4.0

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